



Shock Absorbers - troubleshooting guide



Shock absorber safety is just as important as steering and brake safety. Shock absorbers are closely linked to safety, so defective shock absorbers can be just as dangerous as faulty brakes or steering. Therefore, it is recommended that shock absorbers should be checked as often as brakes.

The information below is designed to assist in understanding the important role of the shock absorber and to assist in detecting faulty shock absorbers.

Symptoms of worn or faulty Shock Absorbers



Steering wheel vibration.



Truck dips excessively when braking.



Excessive body roll, (especially in high winds).



Excessive tyre bounce on bad road surfaces.



Patchy tyre wear.



Defective shock absorbers can increase your braking distance.

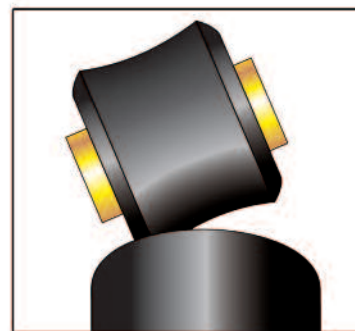




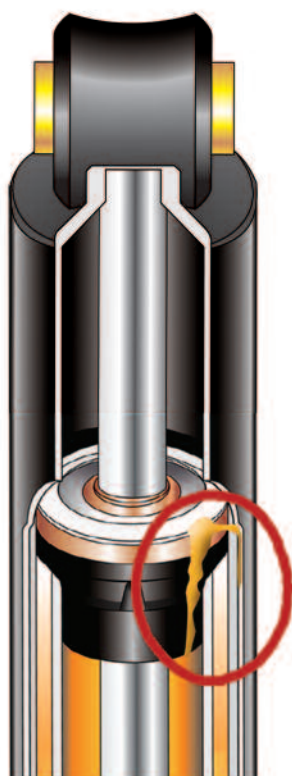
Damaged mounting can be caused by overloading a vehicle.



Damage to the body can be caused by an accident or road debris. Damage prevents or slows down the piston rod as it goes back and forth.



Broken mounting can be caused by a sudden impact or collision.



Damage to the seal can cause leakage of hydraulic fluid.



Damage to the piston seal causes the oil to flow past the piston in an uncontrolled way which decreases oil pressure. The lowering of the pressure reduces the cushioning force.



Damage to the piston rod can be caused by corrosion or tools which causes the seals to be damaged and oil leakage to occur.